

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028561.D
 Acq On : 27 Jan 2021 03:25
 Operator : CG/JU
 Sample : M1217-16 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 1710

Quant Time: Jan 27 05:23:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 03:11:35 2021
 Response via : Initial Calibration

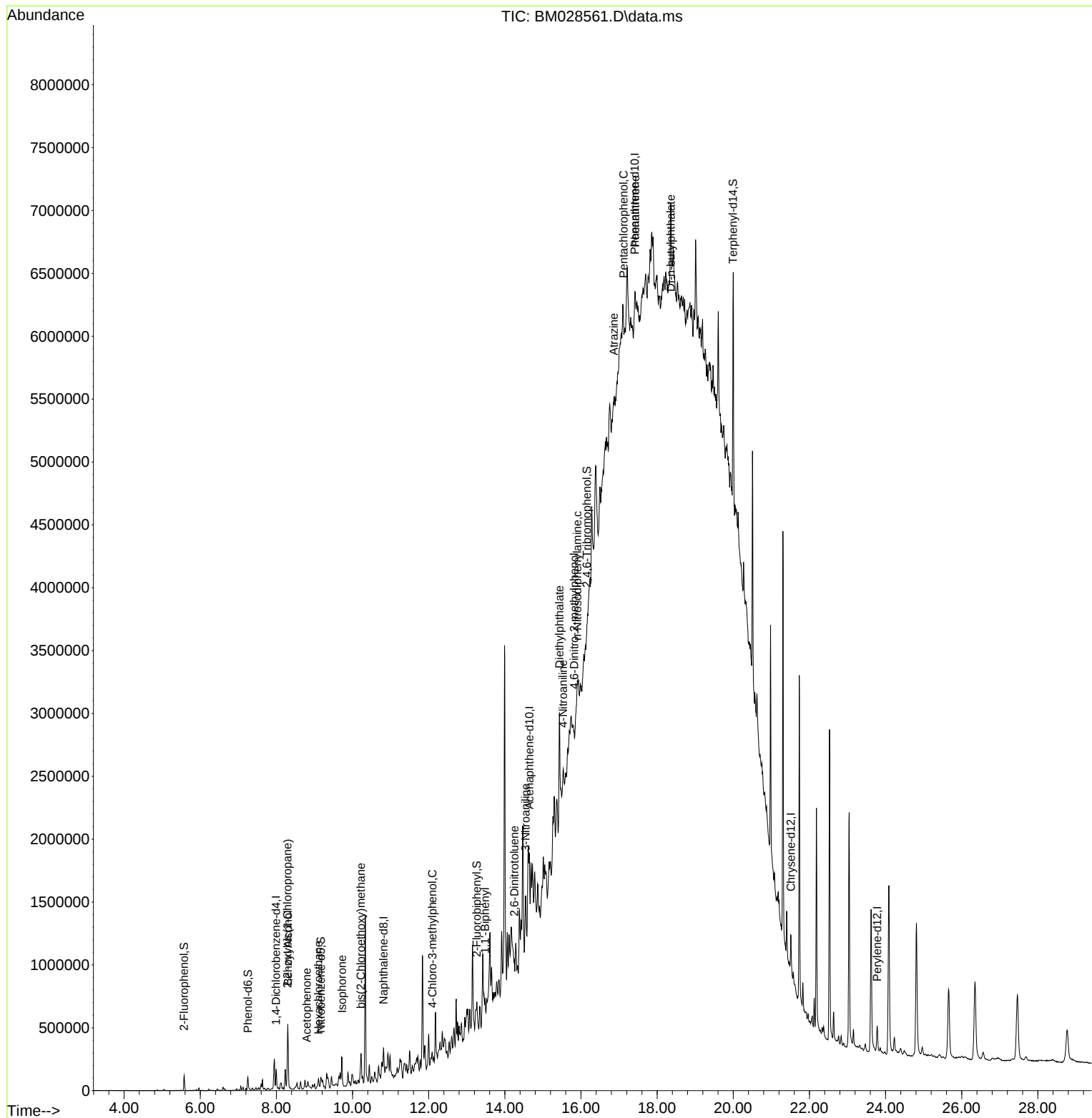
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	44121	20.00	ng	0.00
21) Naphthalene-d8	10.810	136	163248	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	86786	20.00	ng	0.01
64) Phenanthrene-d10	17.410	188	114737	20.00	ng	# 0.05
76) Chrysene-d12	21.515	240	130814	20.00	ng	# 0.02
86) Perylene-d12	23.780	264	133082	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	49063	17.57	ng	0.06
7) Phenol-d6	7.251	99	61709	16.23	ng	0.10
23) Nitrobenzene-d5	9.169	82	40583	11.79	ng	0.00
42) 2,4,6-Tribromophenol	16.151	330	15864	13.80	ng	0.04
45) 2-Fluorobiphenyl	13.263	172	81240	11.74	ng	0.00
79) Terphenyl-d14	19.992	244	74385	10.27	ng	0.04
Target Compounds						Qvalue
15) Benzyl Alcohol	8.304	79	8786	3.32	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.293	45	44895	8.61	ng	76
18) Hexachloroethane	9.104	117	5664	4.06	ng	# 1
22) Acetophenone	8.798	105	11625	2.75	ng	# 63
25) Isophorone	9.722	82	11021	2.09	ng	# 1
28) bis(2-Chloroethoxy)met...	10.222	93	8785	2.36	ng	# 1
36) 4-Chloro-3-methylphenol	12.092	107	6501	2.40	ng	# 21
46) 1,1'-Biphenyl	13.480	154	41407	5.59	ng	96
51) 2,6-Dinitrotoluene	14.251	165	9069	5.98	ng	# 29
53) 3-Nitroaniline	14.545	138	12437	7.27	ng	# 38
60) Diethylphthalate	15.433	149	24078	3.32	ng	# 30
62) 4-Nitroaniline	15.527	138	24432	13.12	ng	91
65) 4,6-Dinitro-2-methylph...	15.821	198	1845	2.59	ng	# 1
66) n-Nitrosodiphenylamine	15.904	169	13549	3.53	ng	# 68
69) Atrazine	16.863	200	3389	2.98	ng	# 1
70) Pentachlorophenol	17.116	266	2904	3.37	ng	# 24
71) Phenanthrene	17.421	178	18450	2.61	ng	# 1
74) Di-n-butylphthalate	18.357	149	27758	3.57	ng	# 32

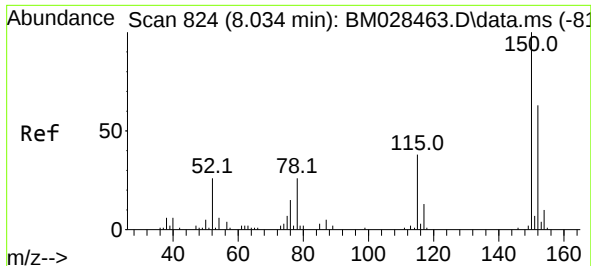
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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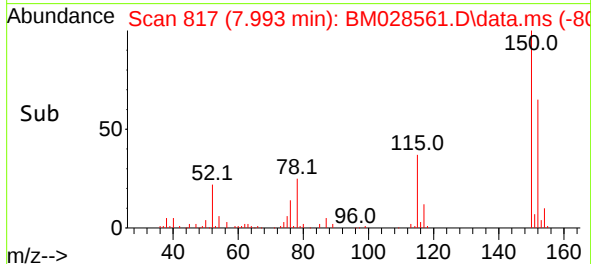
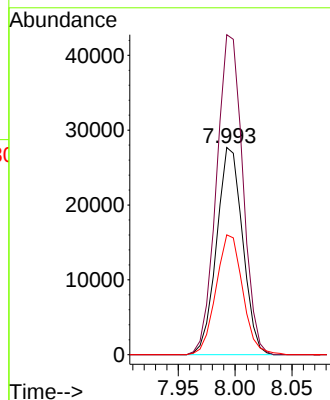
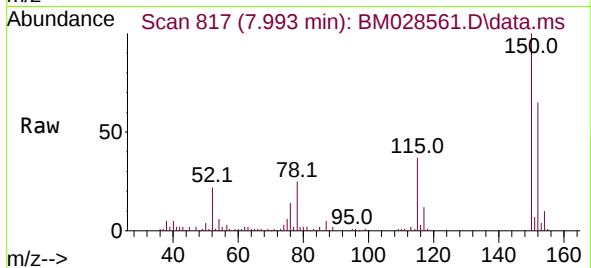




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.000 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

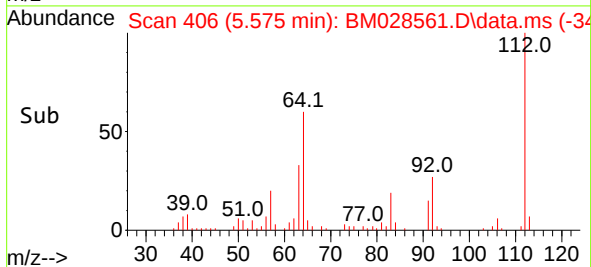
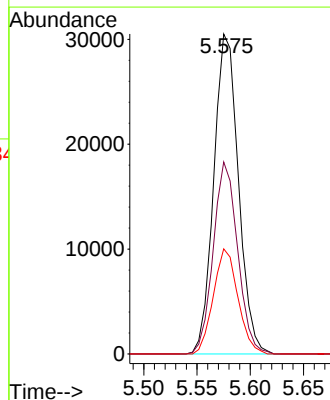
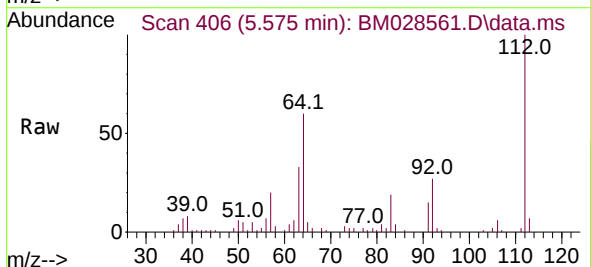
Instrument :
BNA_M
ClientSampleId :
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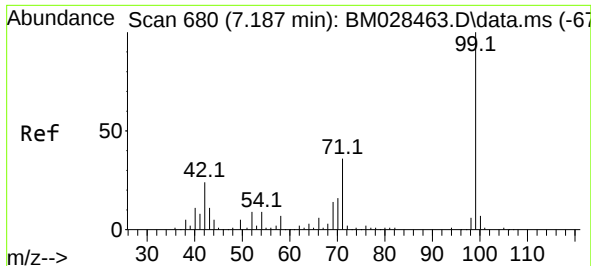
Tgt Ion:152 Resp: 44121
Ion Ratio Lower Upper
152 100
150 154.4 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 17.57 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.064 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

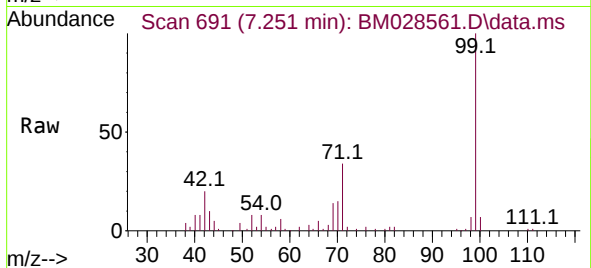
Tgt Ion:112 Resp: 49063
Ion Ratio Lower Upper
112 100
64 60.0 50.6 76.0
63 32.8 31.0 46.6



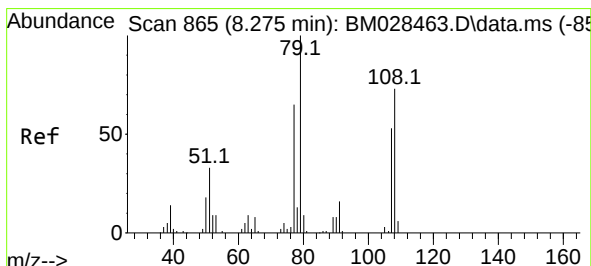
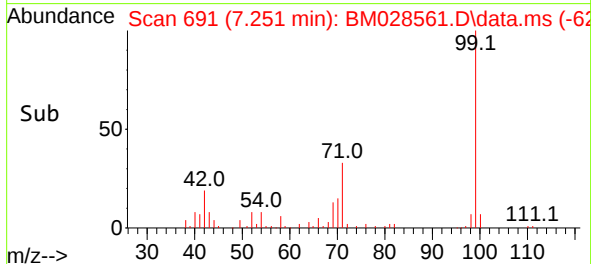
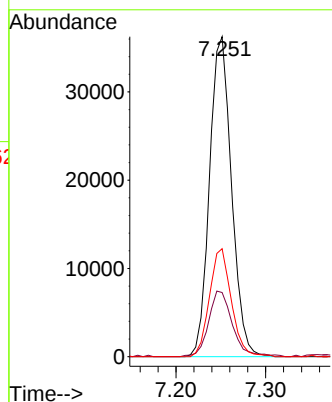


#7
Phenol-d6
Concen: 16.23 ng
RT: 7.251 min Scan# 691
Delta R.T. 0.100 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Instrument :
BNA_M
ClientSampled :
1710

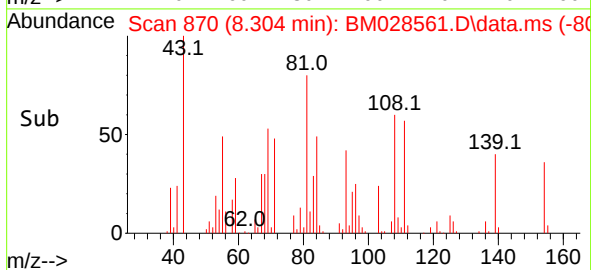
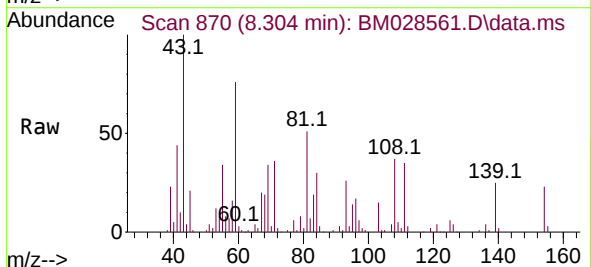
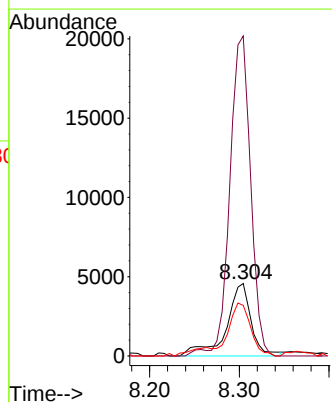


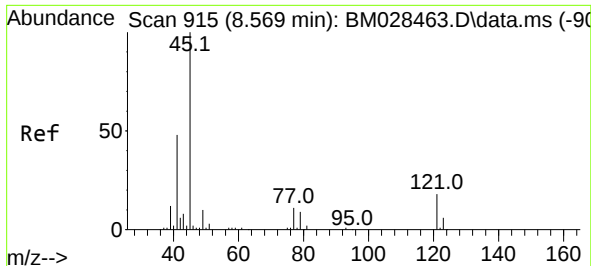
Tgt Ion: 99 Resp: 61709
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 33.8 39.4 59.0#



#15
Benzyl Alcohol
Concen: 3.32 ng
RT: 8.304 min Scan# 870
Delta R.T. 0.064 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion: 79 Resp: 8786
Ion Ratio Lower Upper
79 100
108 441.5 49.0 73.4#
77 69.9 55.2 82.8

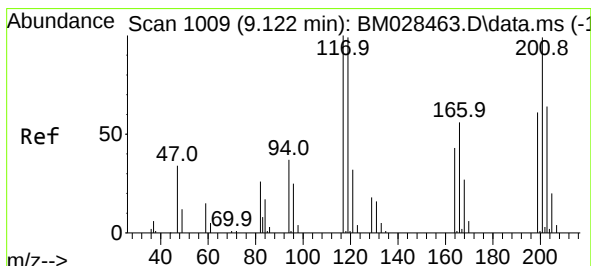
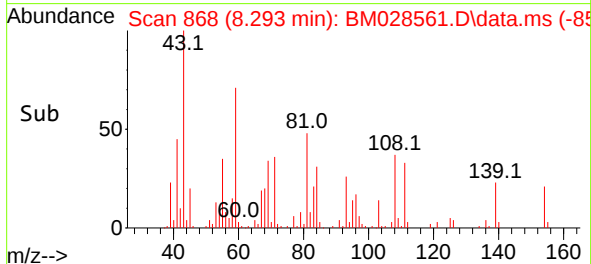
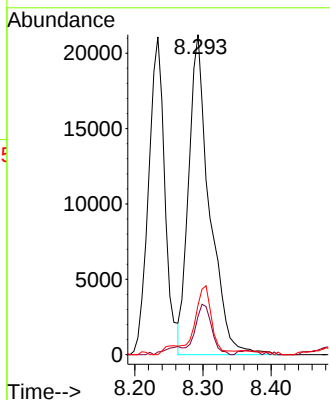
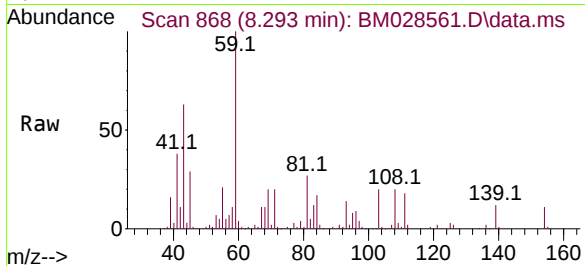




#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.61 ng
RT: 8.293 min Scan# 868
Delta R.T. -0.230 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

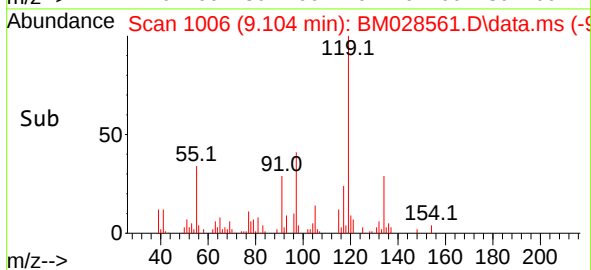
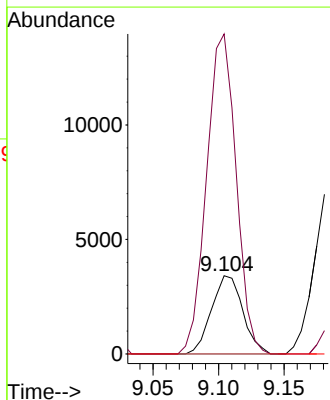
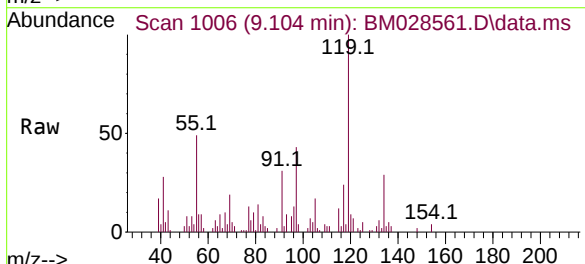
Instrument :
BNA_M
ClientSampled :
1710

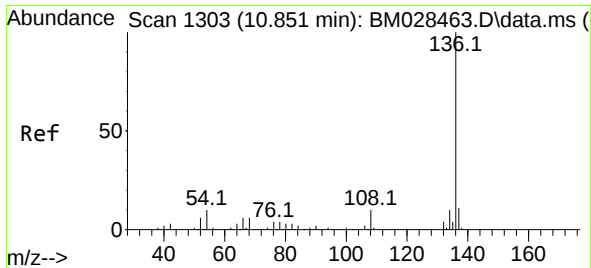
Tgt Ion: 45 Resp: 44895
Ion Ratio Lower Upper
45 100
77 12.0 9.5 49.5
79 15.6 1.8 41.8



#18
Hexachloroethane
Concen: 4.06 ng
RT: 9.104 min Scan# 1006
Delta R.T. 0.029 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion: 117 Resp: 5664
Ion Ratio Lower Upper
117 100
119 409.3 73.1 109.7#
201 0.0 88.7 133.1#

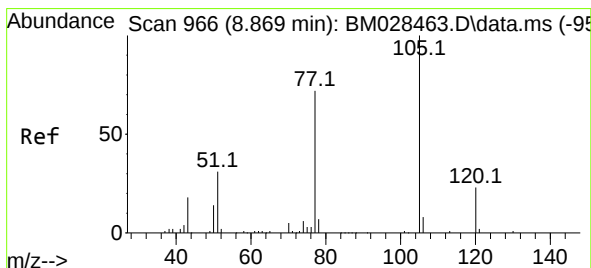
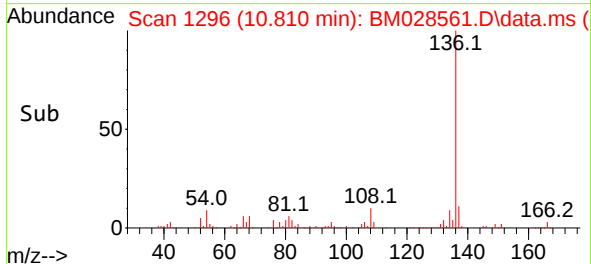
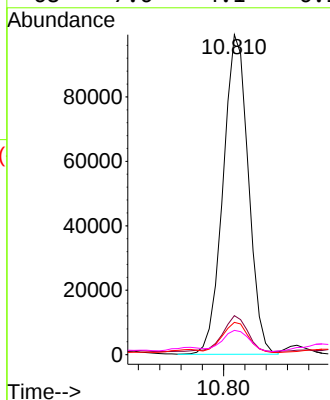
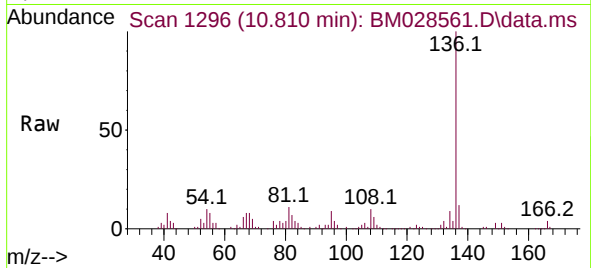




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.810 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

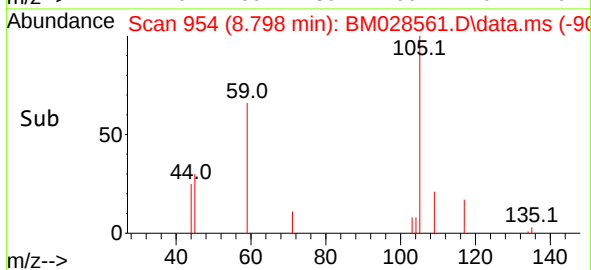
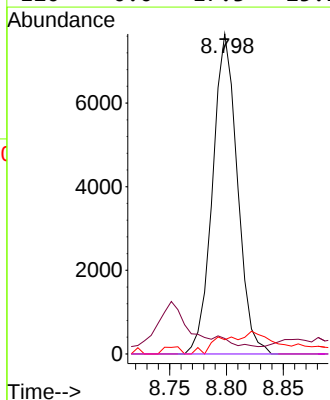
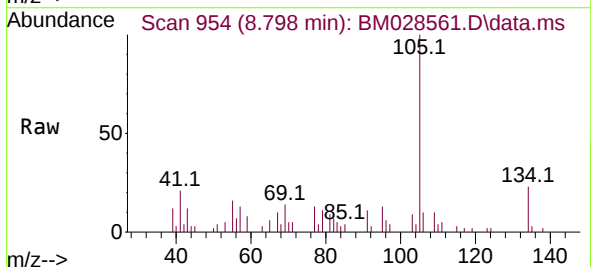
Instrument :
BNA_M
ClientSampleId :
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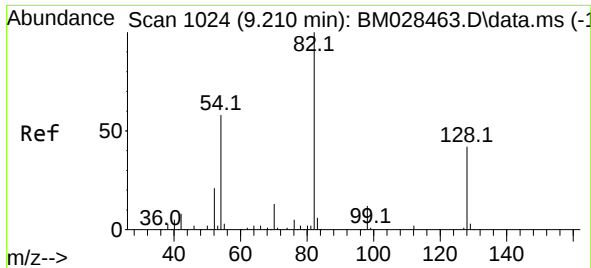
Tgt Ion:	136	Resp:	163248
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.6	12.8
54	10.1	4.6	7.0#
68	7.6	4.1	6.1#



#22
Acetophenone
Concen: 2.75 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.030 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:	105	Resp:	11625
Ion Ratio	Lower	Upper	
105	100		
71	4.9	7.6	11.4#
51	4.4	18.6	28.0#
120	0.0	17.3	25.9#





#23

Nitrobenzene-d5

Concen: 11.79 ng

RT: 9.169 min Scan# 1017

Delta R.T. -0.000 min

Lab File: BM028561.D

Acq: 27 Jan 2021 03:25

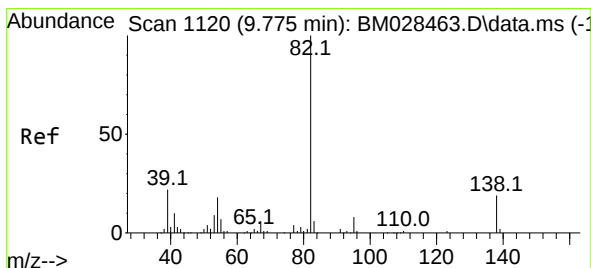
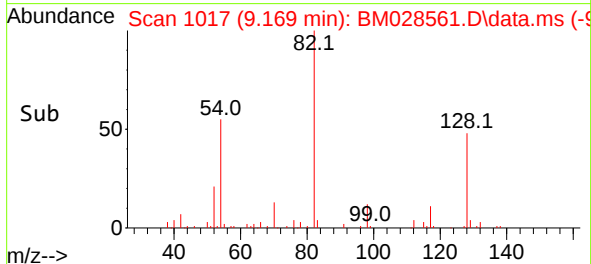
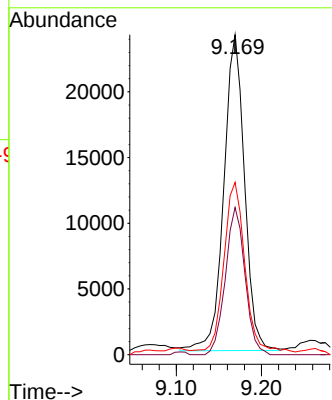
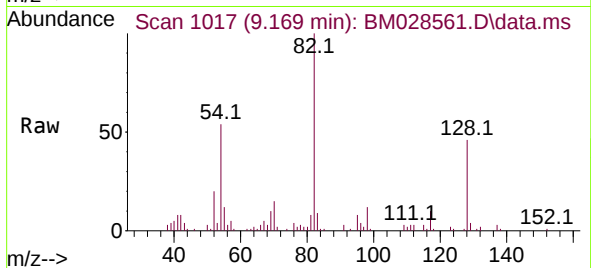
Tgt Ion:	82	Resp:	40583
Ion Ratio	Lower	Upper	
82	100		
128	46.0	27.4	41.0#
54	53.9	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

1710



#25

Isophorone

Concen: 2.09 ng

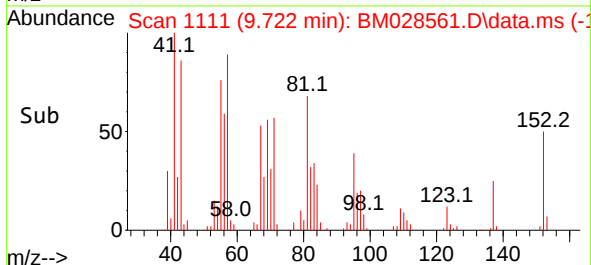
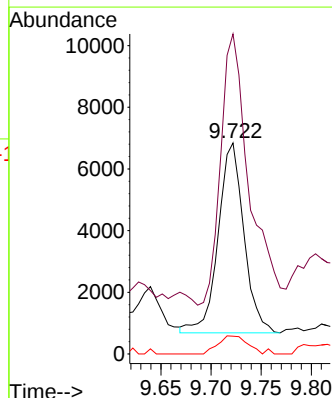
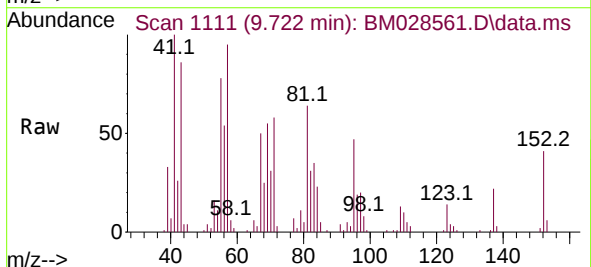
RT: 9.722 min Scan# 1111

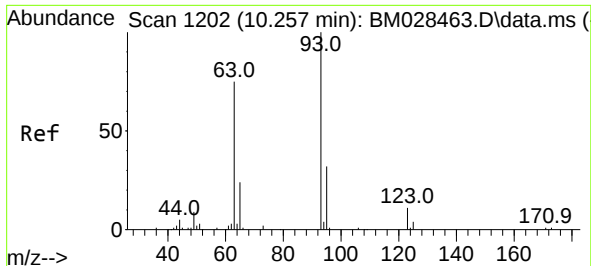
Delta R.T. -0.012 min

Lab File: BM028561.D

Acq: 27 Jan 2021 03:25

Tgt Ion:	82	Resp:	11021
Ion Ratio	Lower	Upper	
82	100		
95	151.7	6.8	10.2#
138	8.4	13.1	19.7#

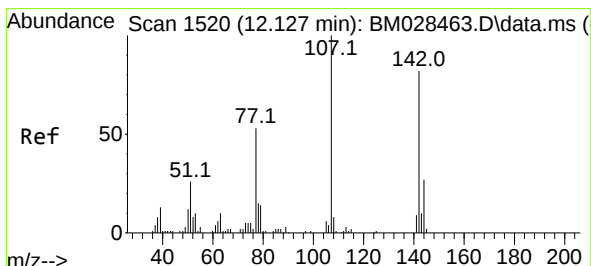
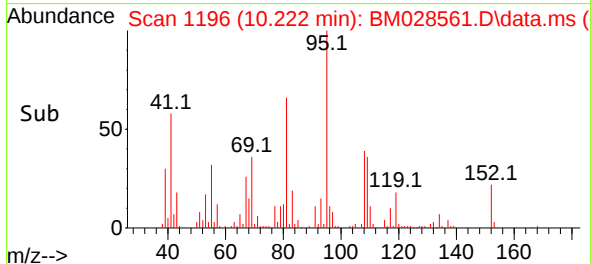
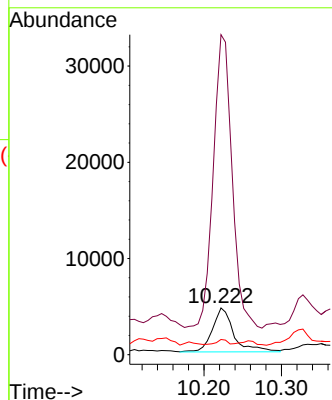
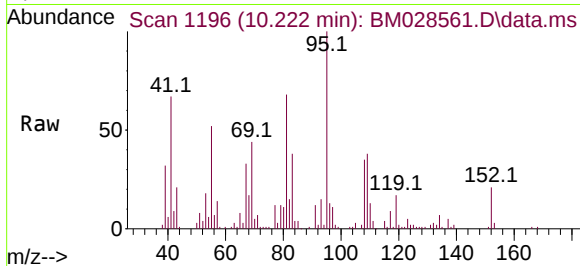




#28
bis(2-Chloroethoxy)methane
Concen: 2.36 ng
RT: 10.222 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

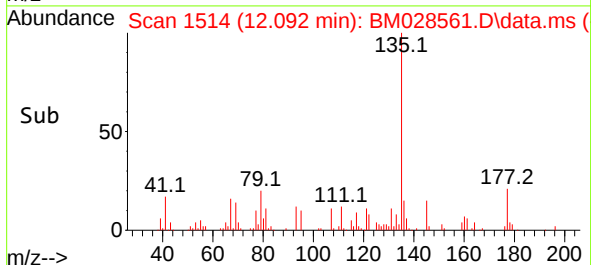
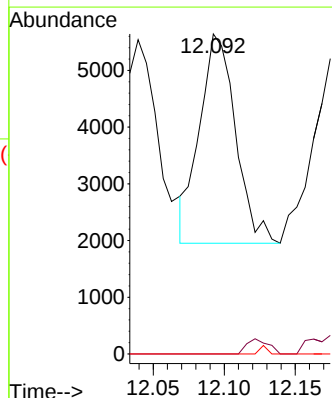
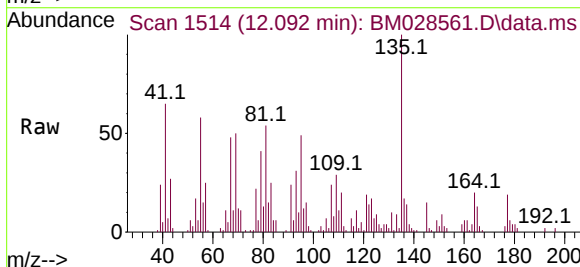
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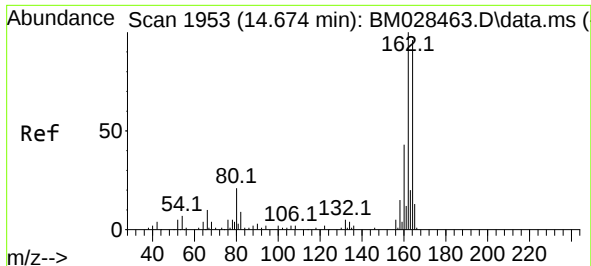
Tgt Ion: 93 Resp: 8785
Ion Ratio Lower Upper
93 100
95 684.4 26.5 39.7#
123 32.7 8.6 12.8#



#36
4-Chloro-3-methylphenol
Concen: 2.40 ng
RT: 12.092 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion: 107 Resp: 6501
Ion Ratio Lower Upper
107 100
144 0.0 20.1 30.1#
142 0.0 60.3 90.5#

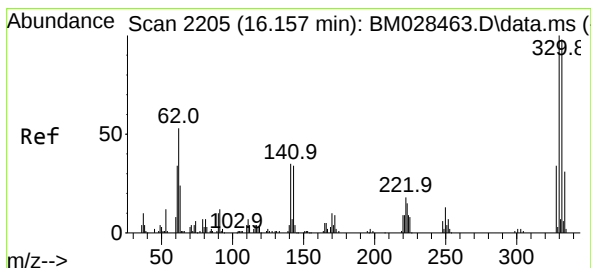
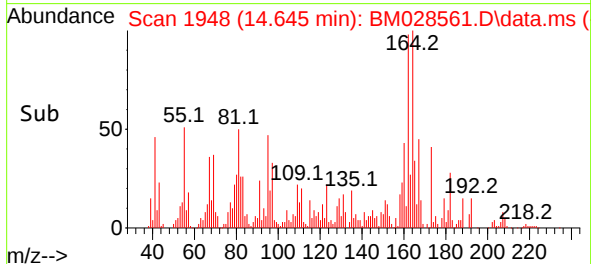
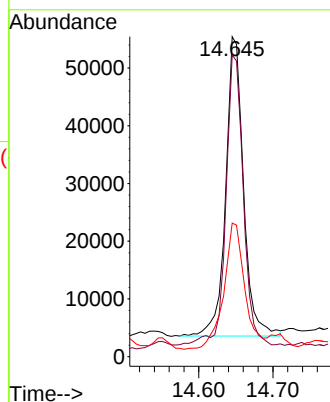
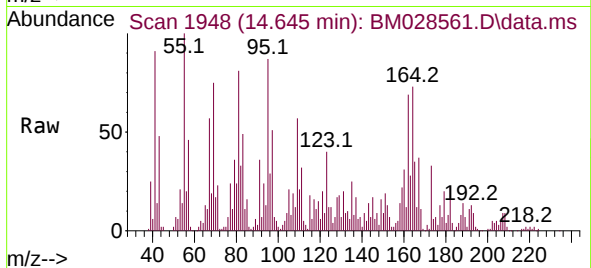




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.012 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

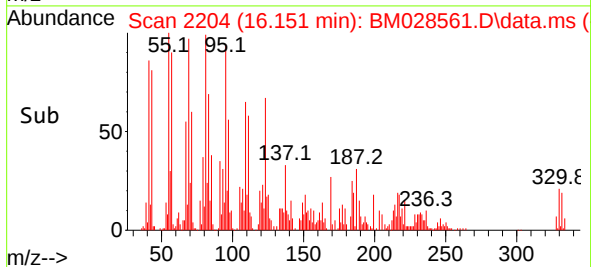
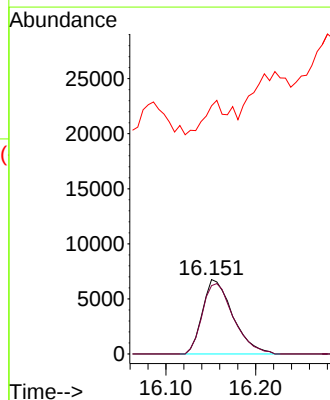
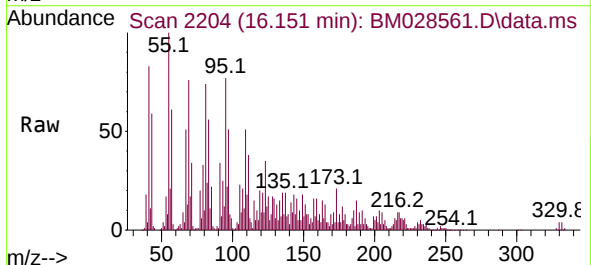
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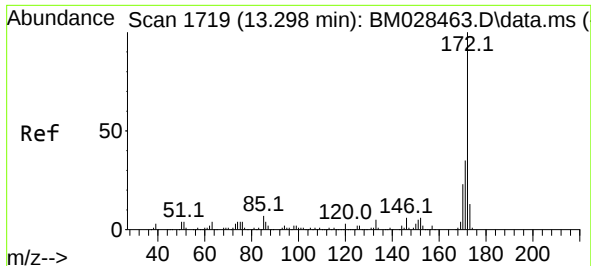
Tgt Ion:164 Resp: 86786
Ion Ratio Lower Upper
164 100
162 94.2 80.4 120.6
160 41.7 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 13.80 ng
RT: 16.151 min Scan# 2204
Delta R.T. 0.035 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:330 Resp: 15864
Ion Ratio Lower Upper
330 100
332 97.2 77.8 116.8
141 22.4 28.4 42.6#

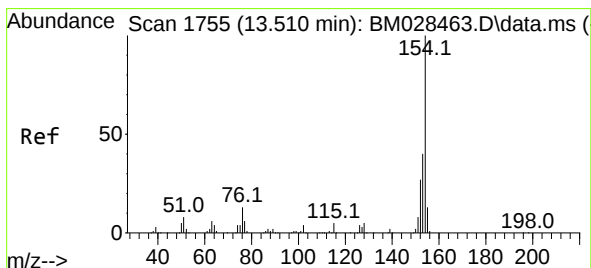
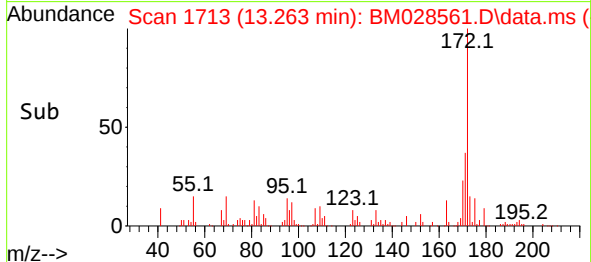
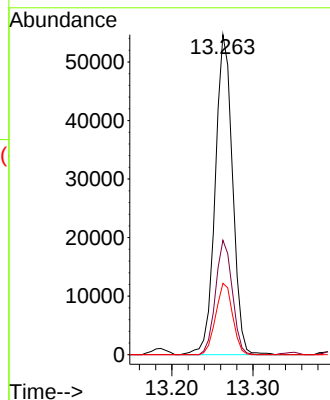
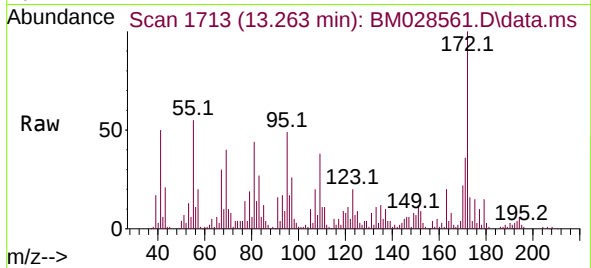




#45
2-Fluorobiphenyl
Concen: 11.74 ng
RT: 13.263 min Scan# 1713
Delta R.T. 0.006 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

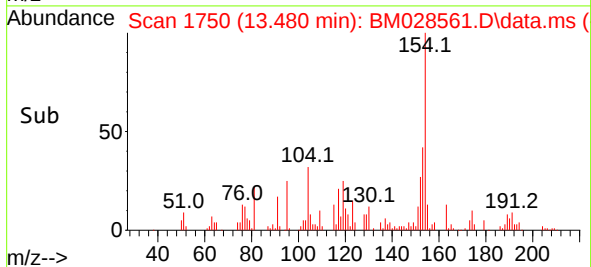
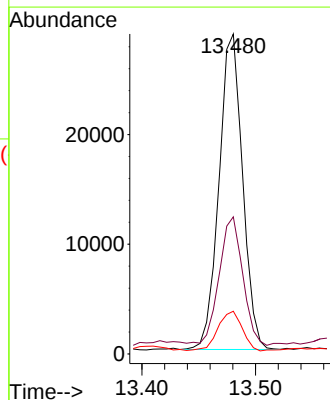
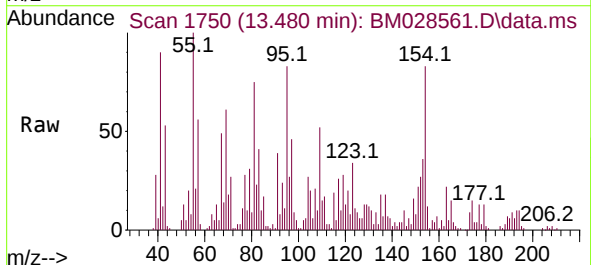
Instrument :
BNA_M
ClientSampleId :
1710

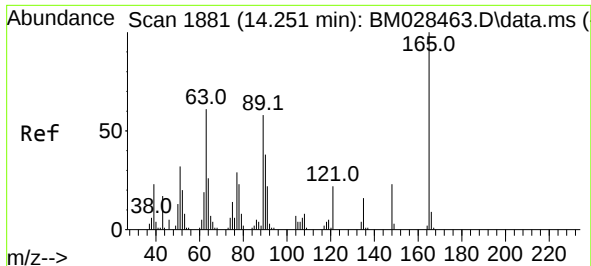
Tgt Ion:172	Resp:	81240
Ion Ratio	Lower	Upper
172	100	
171	35.8	27.8 41.8
170	22.3	18.6 27.8



#46
1,1'-Biphenyl
Concen: 5.59 ng
RT: 13.480 min Scan# 1750
Delta R.T. 0.012 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:154	Resp:	41407
Ion Ratio	Lower	Upper
154	100	
153	42.8	20.0 60.0
76	13.4	0.0 32.0

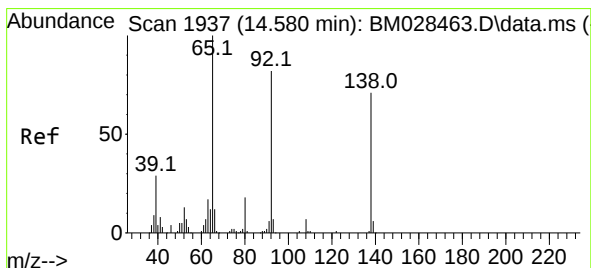
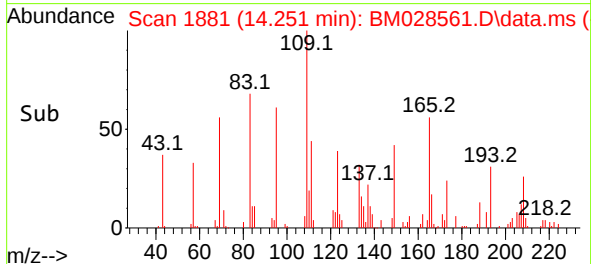
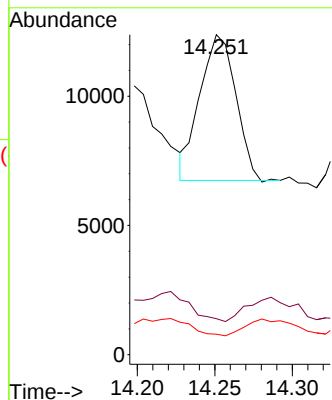
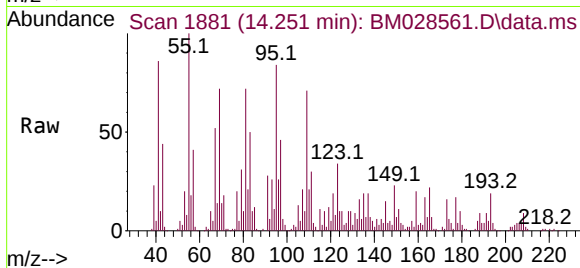




#51
2,6-Dinitrotoluene
Concen: 5.98 ng
RT: 14.251 min Scan# 1881
Delta R.T. 0.035 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

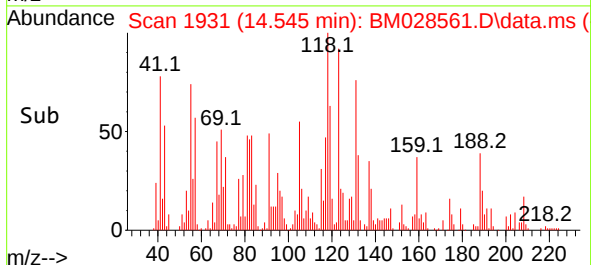
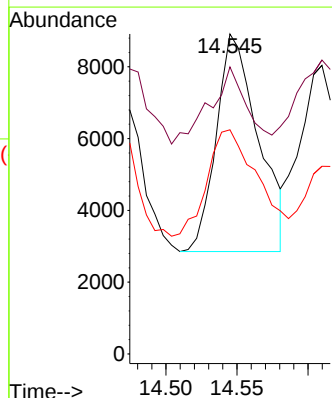
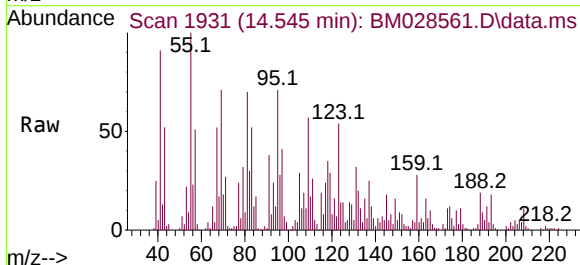
Instrument :
BNA_M
ClientSampled :
1710

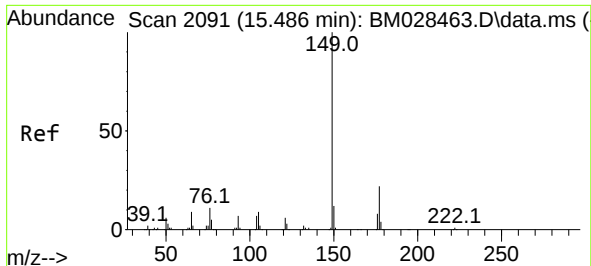
Tgt Ion:165 Resp: 9069
Ion Ratio Lower Upper
165 100
63 11.3 51.1 76.7#
89 6.4 53.3 79.9#



#53
3-Nitroaniline
Concen: 7.27 ng
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:138 Resp: 12437
Ion Ratio Lower Upper
138 100
108 89.7 8.6 13.0#
92 70.1 102.1 153.1#

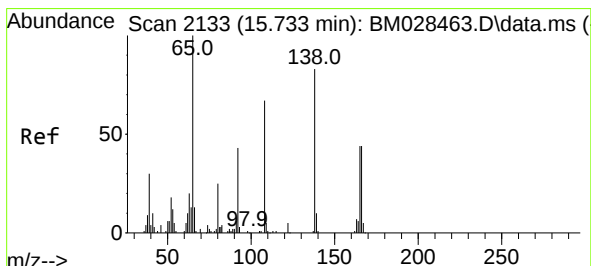
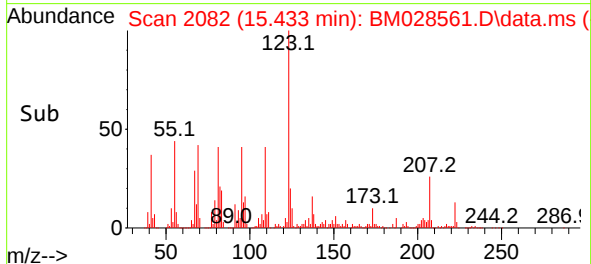
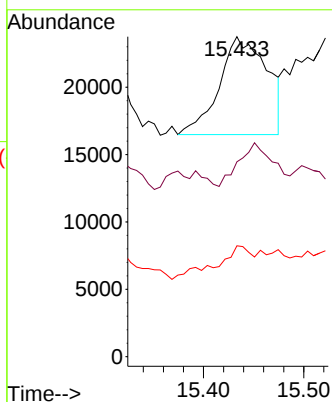
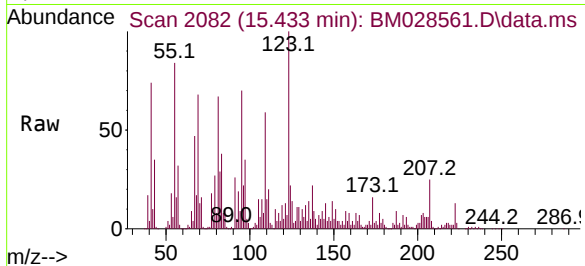




#60
Diethylphthalate
Concen: 3.32 ng
RT: 15.433 min Scan# 2082
Delta R.T. -0.012 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

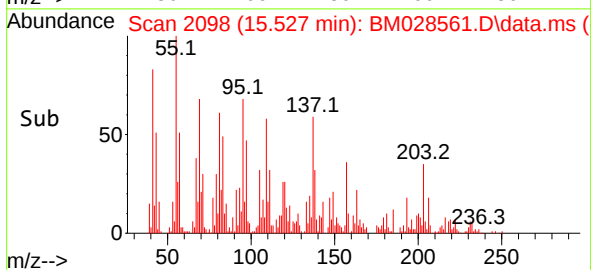
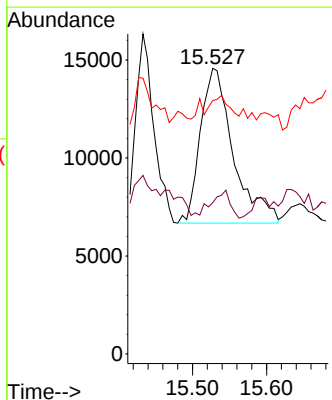
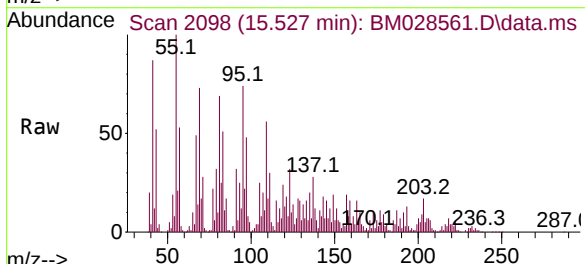
Instrument :
BNA_M
ClientSampleId :
1710

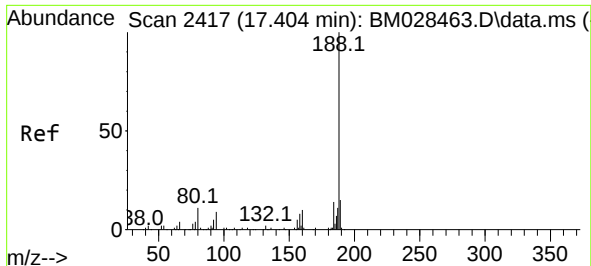
Tgt Ion:149 Resp: 24078
Ion Ratio Lower Upper
149 100
177 60.9 18.2 27.4#
150 34.7 10.2 15.4#



#62
4-Nitroaniline
Concen: 13.12 ng
RT: 15.527 min Scan# 2098
Delta R.T. -0.171 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:138 Resp: 24432
Ion Ratio Lower Upper
138 100
92 53.0 35.5 75.5
108 88.8 80.5 120.5

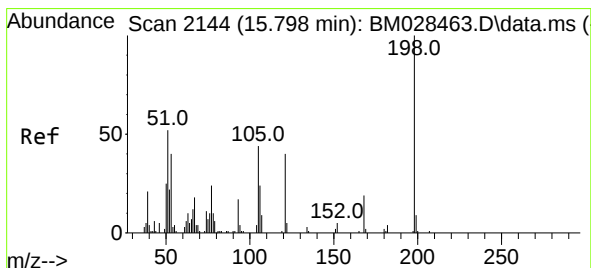
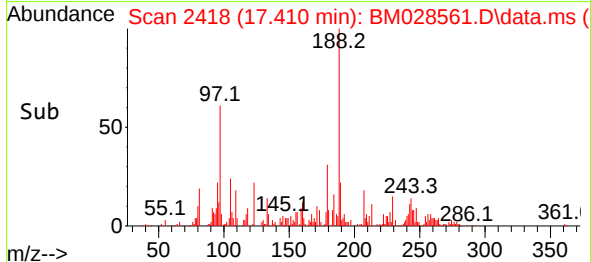
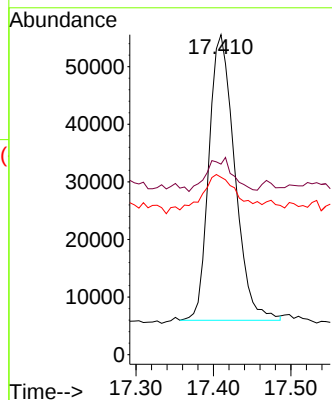
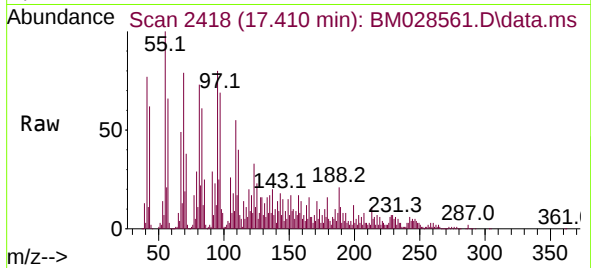




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.410 min Scan# 2418
Delta R.T. 0.047 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

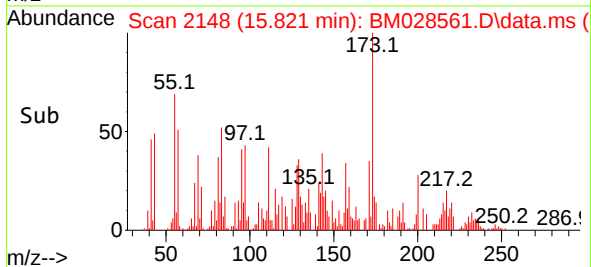
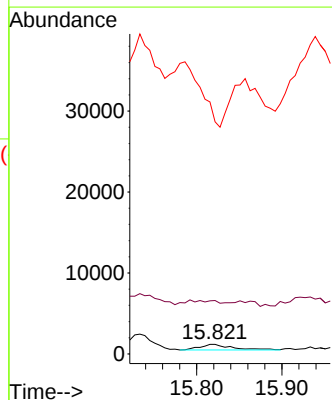
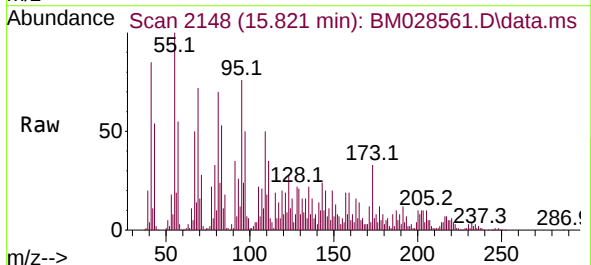
Instrument :
BNA_M
ClientSampled :
1710

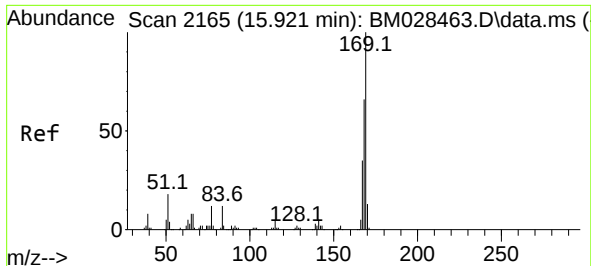
Tgt Ion:188 Resp: 114737
Ion Ratio Lower Upper
188 100
94 59.6 6.2 9.4#
80 55.4 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.59 ng
RT: 15.821 min Scan# 2148
Delta R.T. 0.059 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:198 Resp: 1845
Ion Ratio Lower Upper
198 100
51 554.0 13.0 53.0#
105 2407.4 18.7 58.7#

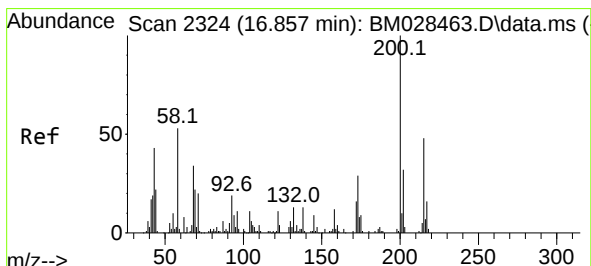
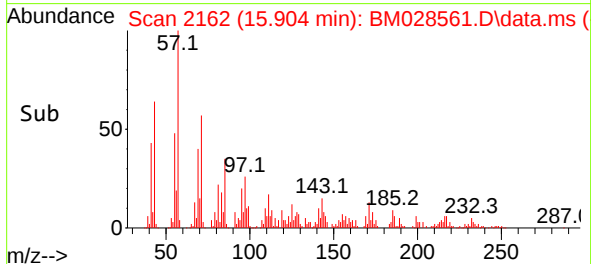
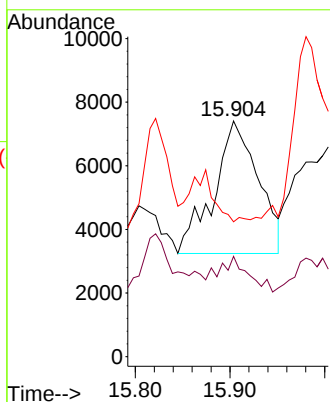
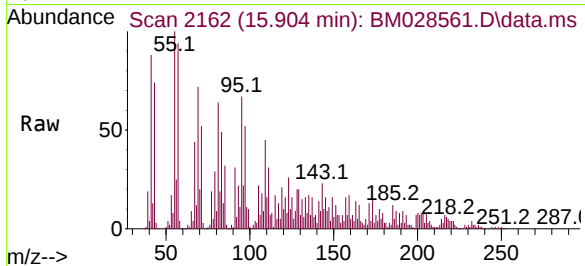




#66
n-Nitrosodiphenylamine
Concen: 3.53 ng
RT: 15.904 min Scan# 2162
Delta R.T. 0.023 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

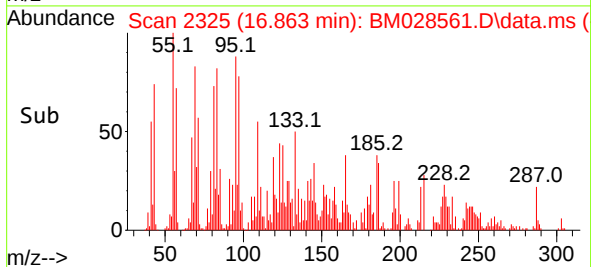
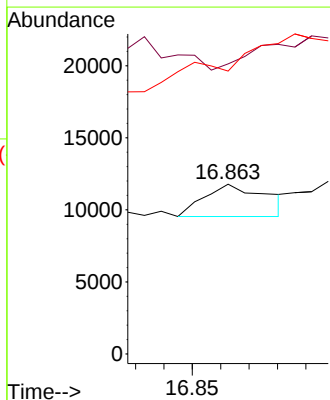
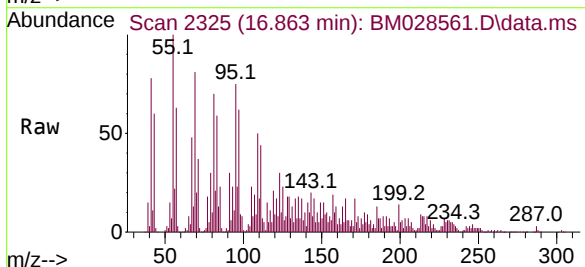
Instrument :
BNA_M
ClientSampleId :
1710

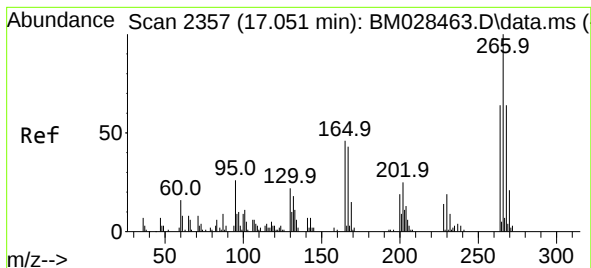
Tgt Ion:169 Resp: 13549
Ion Ratio Lower Upper
169 100
168 42.6 53.8 80.8#
167 57.2 29.0 43.4#



#69
Atrazine
Concen: 2.98 ng
RT: 16.863 min Scan# 2325
Delta R.T. 0.041 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:200 Resp: 3389
Ion Ratio Lower Upper
200 100
173 170.9 4.9 44.9#
215 166.6 29.0 69.0#





#70

Pentachlorophenol

Concen: 3.37 ng

RT: 17.116 min Scan# 2368

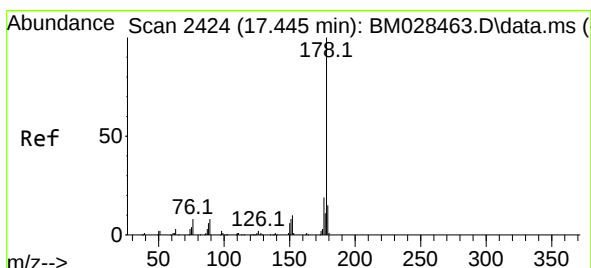
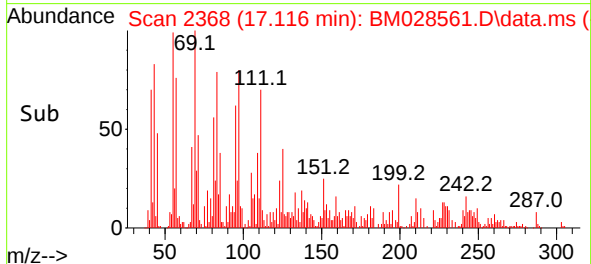
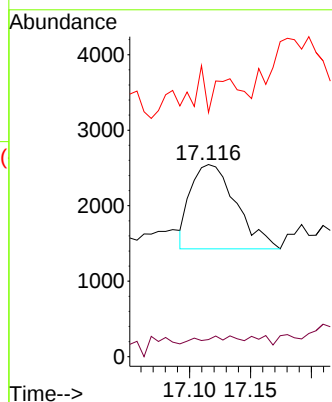
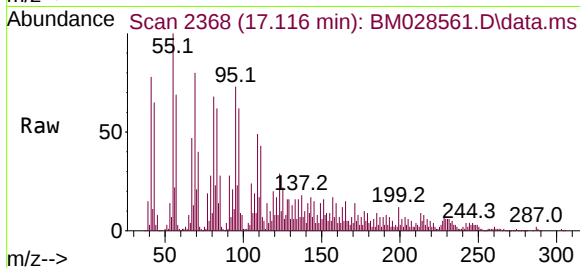
Delta R.T. 0.100 min

Lab File: BM028561.D

Acq: 27 Jan 2021 03:25

Tgt Ion:	266	Resp:	2904
Ion Ratio	Lower	Upper	
266	100		
268	8.9	49.9	74.9#
264	127.1	50.6	76.0#

Instrument :
BNA_M
ClientSampled :
1710



#71

Phenanthrene

Concen: 2.61 ng

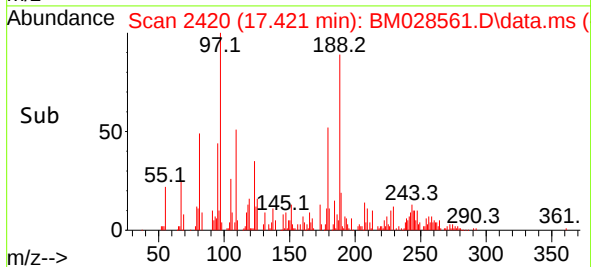
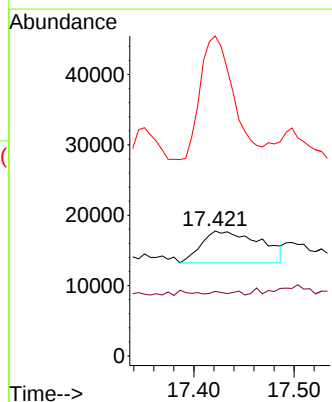
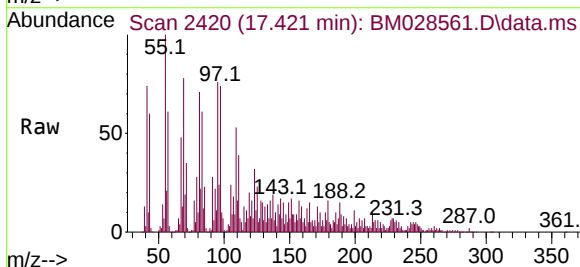
RT: 17.421 min Scan# 2420

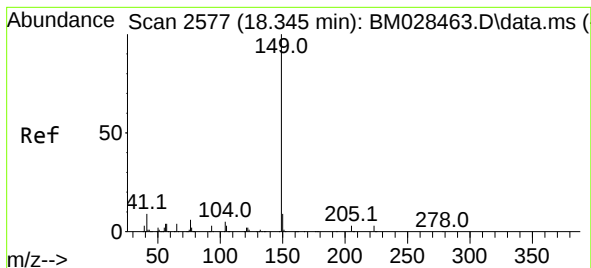
Delta R.T. 0.017 min

Lab File: BM028561.D

Acq: 27 Jan 2021 03:25

Tgt Ion:	178	Resp:	18450
Ion Ratio	Lower	Upper	
178	100		
176	51.8	15.0	22.6#
179	256.1	12.2	18.4#

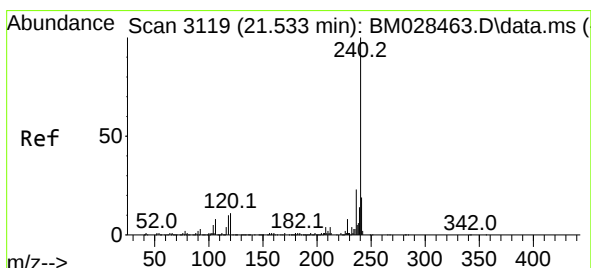
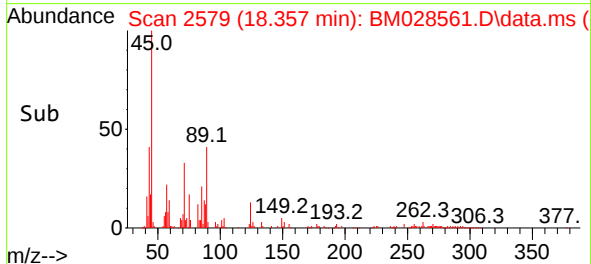
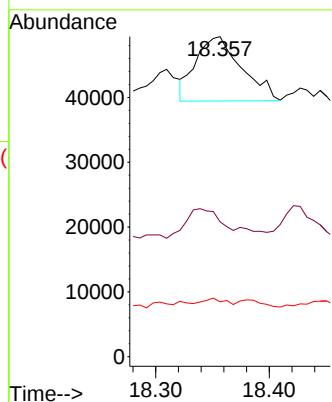
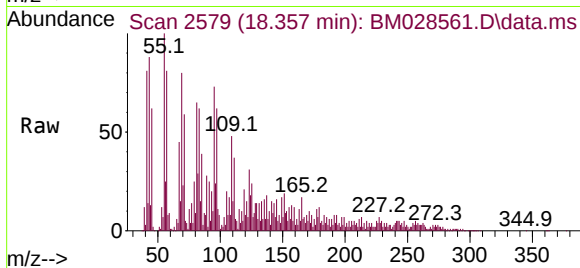




#74
Di-n-butylphthalate
Concen: 3.57 ng
RT: 18.357 min Scan# 2579
Delta R.T. 0.047 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

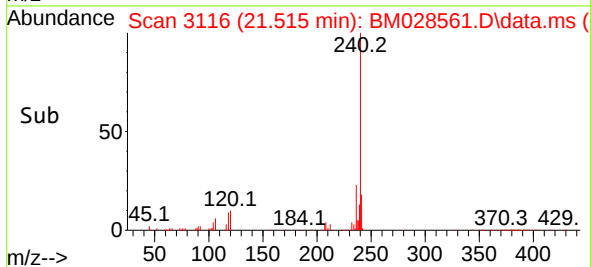
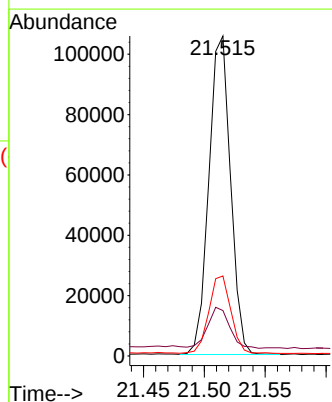
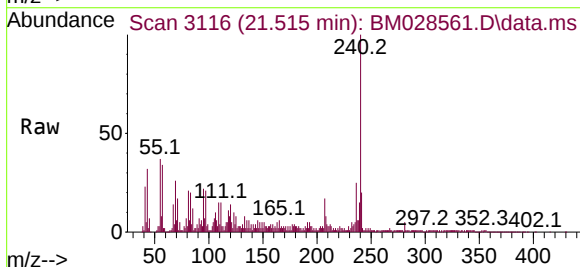
Instrument :
BNA_M
ClientSampled :
1710

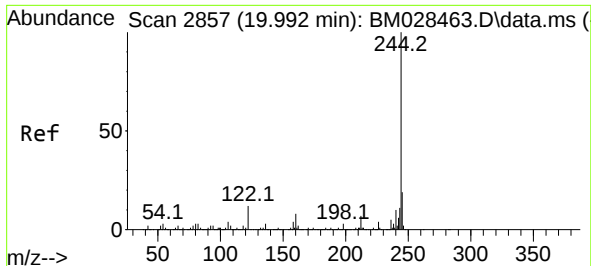
Tgt Ion:149 Resp: 27758
Ion Ratio Lower Upper
149 100
150 42.1 7.4 11.0#
104 17.2 4.7 7.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.017 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:240 Resp: 130814
Ion Ratio Lower Upper
240 100
120 14.2 6.4 9.6#
236 25.0 20.1 30.1

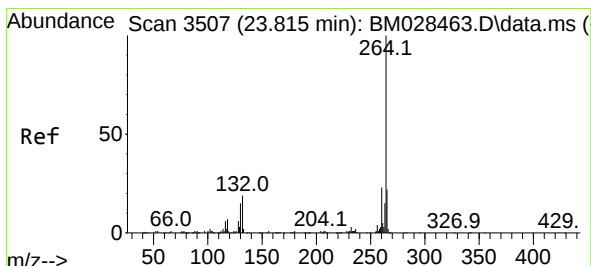
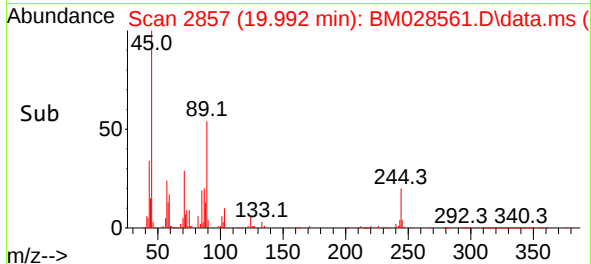
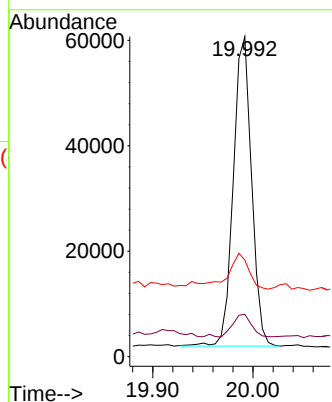
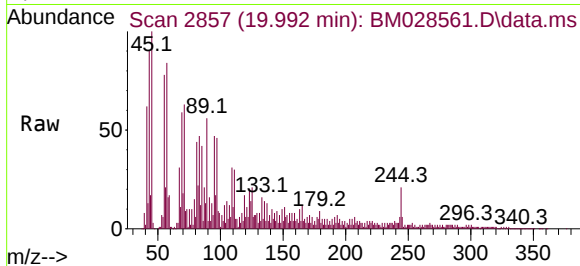




#79
Terphenyl-d14
Concen: 10.27 ng
RT: 19.992 min Scan# 2857
Delta R.T. 0.035 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Instrument :
BNA_M
ClientSampled :
1710

Tgt Ion:244 Resp: 74385
Ion Ratio Lower Upper
244 100
212 13.2 5.8 8.8#
122 30.1 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.780 min Scan# 3501
Delta R.T. 0.017 min
Lab File: BM028561.D
Acq: 27 Jan 2021 03:25

Tgt Ion:264 Resp: 133082
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.4
265 22.9 17.7 26.5

